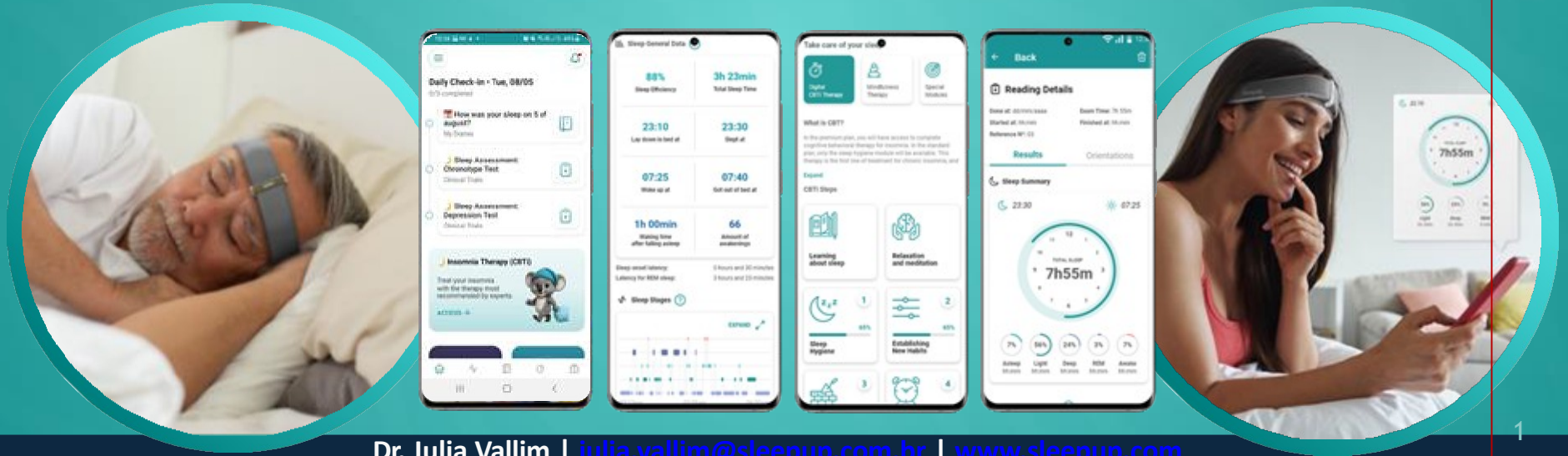
SleepUp

LONDON FAPESP WEEK June, 2-4th 2026

A Digital Therapeutic Platform Using Portable EEG for the Management of **Sleep and Brain Health**



Dr. Julia Vallim | julia.vallim@sleepup.com.br | www.sleepup.com

Dr. Julia Vallim



SleepUp´s Clinical Researcher

BSc, MSc, PhD UNIFESP

Postdoctoral Researcher
UNIFESP/Northumbria University

Team of 22 people driven by Purpose & Science
7 PhD and 4 Master

Dr. Renata Bonaldi
Co-Founder & CEO

Engineer. Ph.D in wearables. Global MBA. +15yr of innovation.



Paula V. Redondo
Co-Founder & CTO

Computer Scientist. MBA in Software Eng. +18 yrs of IT and digital products



Bruno Montez Carpes
CFO

Economist, +25 yrs as Global executive, CFO, M&A and IR in Global markets



Sleep Experts



Thábita Maganete
Commercial Head



Dr. Ksdy Souza
Sleep Psychologist



Dr. Gabriel N. Pires
Clinical Director

Advisory Board



Bruno Pina
Strategy Advisor



Dr. Letícia Soster
Sleep Neurologist

Collaborators

11

Direct Collaborators

Partners



1 billion

people worldwide suffer from sleep disorders[1].

Current treatments and diagnostics are NOT effective and/or accessible.

[1] *World Health Organization (WHO): "Mental Health: A Global Perspective"*

Purpose and Vision

“Democratize access to treatment & diagnoses”

Sleep Disorders

Cognitive Longevity

Neurodegenerative diseases



6 Fapesp Grants | 13 Fapesp Scholarships | 3 UK Programs

PIPE 1 2021

- Technical Feasibility
- Clinical Trials
- Algorithm

PIPE 2 2023

- Develoment of EEG Headband
- Algorithm
- Clinical Trials
- Integração com App

DBT Global Entrepreneur Program



London & partners Grow London Global



PIPE Invest 2026

- Industrial development
- IP and Regulatory approval
- Internationalization
- AI Models

PIPE SEBRAE 2023

- Comercial development
- Pilots

PIPE SEBRAE 2024

- Comercial development
- Pilots

PIPE 3 2025

- Commercial development
- IP and Regulatory approval
- Internationalization
- Scale up prototypes

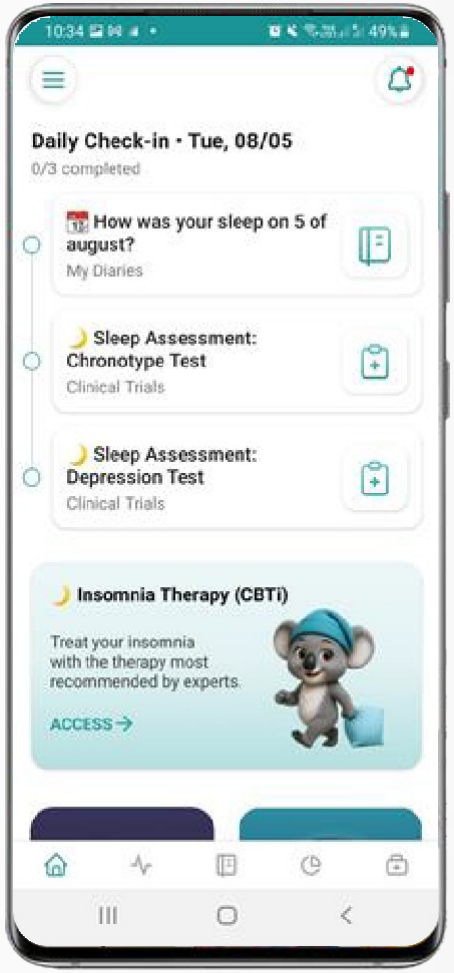
UKRI Business Growth 2025

We created a groundbreaking Digital, Effective and Accessible treatment

Digital Medication

- Clinically validated
- Accessible
- Personalized
- No side effects
- Treats the cause of insomnia
- Available in 6 languages

1st AUTHORIZED ANVISA



SleepUp

DIGITAL THERAPEUTIC ALLIANCE

ISO

ISO/TR 11147: 2023: Health informatics—Personalized digital health—Digital therapeutics health software systems

The App offers a Full Journey of Therapy and Diagnostics

Assessment

- Sleep Diary
- Medication Diary
- CPAP Diary
- 9 Clinical Tests
- Reports
- Dashboard

Therapy

- Insomnia
- Sleep Apnea
- Depression
- Telemedicine
- Menopause
- Shift Worker
- Children

Sleep Monitoring

Medical Wearables



Consumer Wearable

Samsung Health · HUAWEI · Google Fit · fitbit · GARMIN

Cutting-edge Monitoring & Diagnostics

- Digital
- Accessible
- Affordable
- Device Class IIa

The SleepUp Medical device



Price: $$ ⭐⭐⭐⭐⭐

Accessibility: ⭐⭐⭐⭐

Comfort:

Environment: Home, at your own bed

vs

.

Standard EEG equipment



Price: $$$$$

Accessibility: ⭐

Comfort: ⭐

Environment: Clinics and Hospitals

Proprietary algorithms and software is OUR CORE

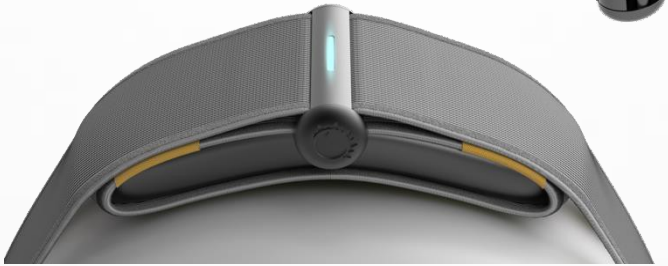
- High Accuracy
- EEG and Oximeter
- Agnostic algorithms
- Strong IP strategy
- High Personalization
- Preventive care
- Precision Medicine



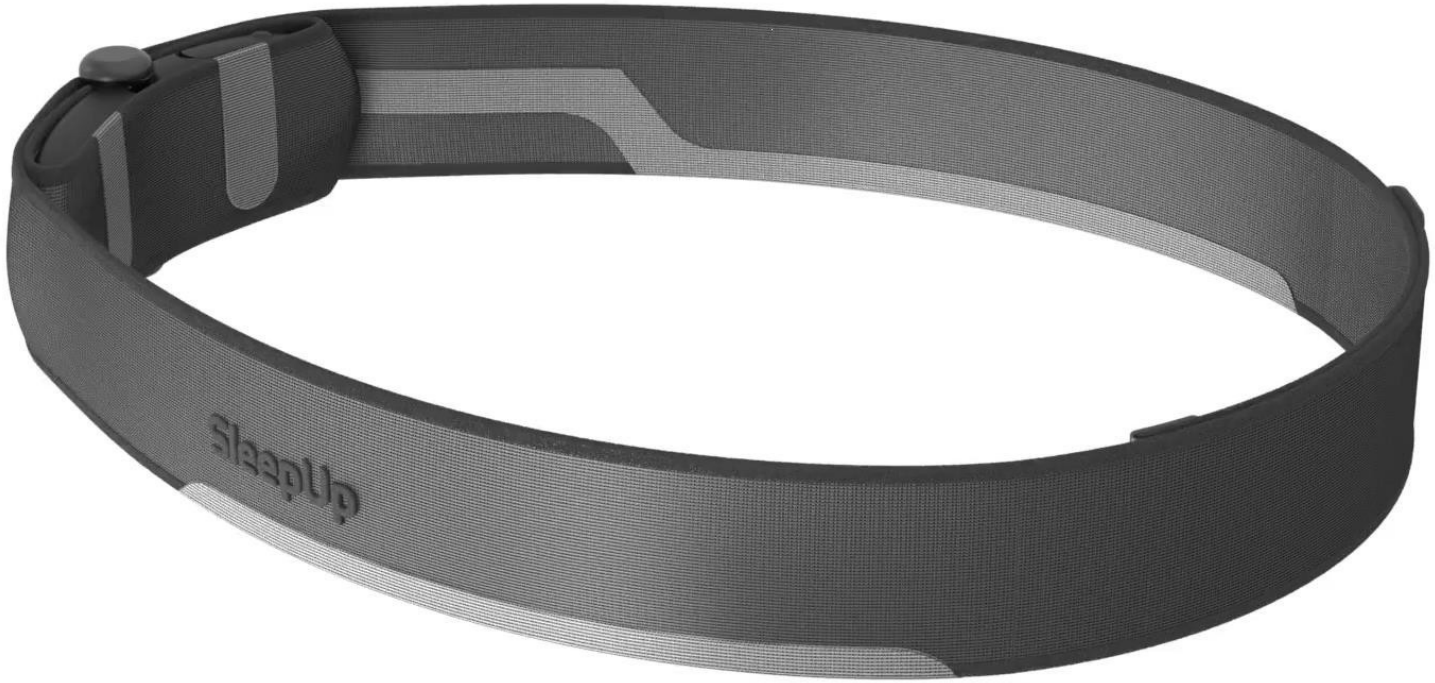
User-friendly, No Bluetooth, No Phone
Comfortable and Washable EEG Softband







SleepUp



SleepUp

Disruptive and Validated Innovation

18

Scientific Publications

SLEEP 2023

Singapore 2025 WORLD SLEEP September 5 10

October 20-25 WORLD SLEEP 2023 Rio de Janeiro BRAZIL

5

Regulatory Approvals

AUTHORIZED ANVISA

CE FDA (Applied)

DEPARTMENT OF HEALTH

6

R&D Grants IP Strategy

1 Patent
15 Trademarks
2 Industrial design
2 Software and Firmware
1 Circuit Topography
10 Web Domains

FAPESP Finep EBRAE

14

Accelerators and Incubators

flex

hello tomorrow

BARCLAYS Eagle Labs

endeavor

SAMSUNG

GREAT

Santander X

International Patent Application

No PCT/US25/51147

Filed: October 15, 2025

Title: METHOD, APPARATUS, AND COMPUTER PROGRAMS FOR SLEEP ENHANCEMENT ANDDIAGNOSTICS USING ELECTROENCEPHALOGRAM MONITORING

LS Ref: 46528.6 (L0002PCT)

UNITED STATES
PATENT AND TRADEMARK OFFICE

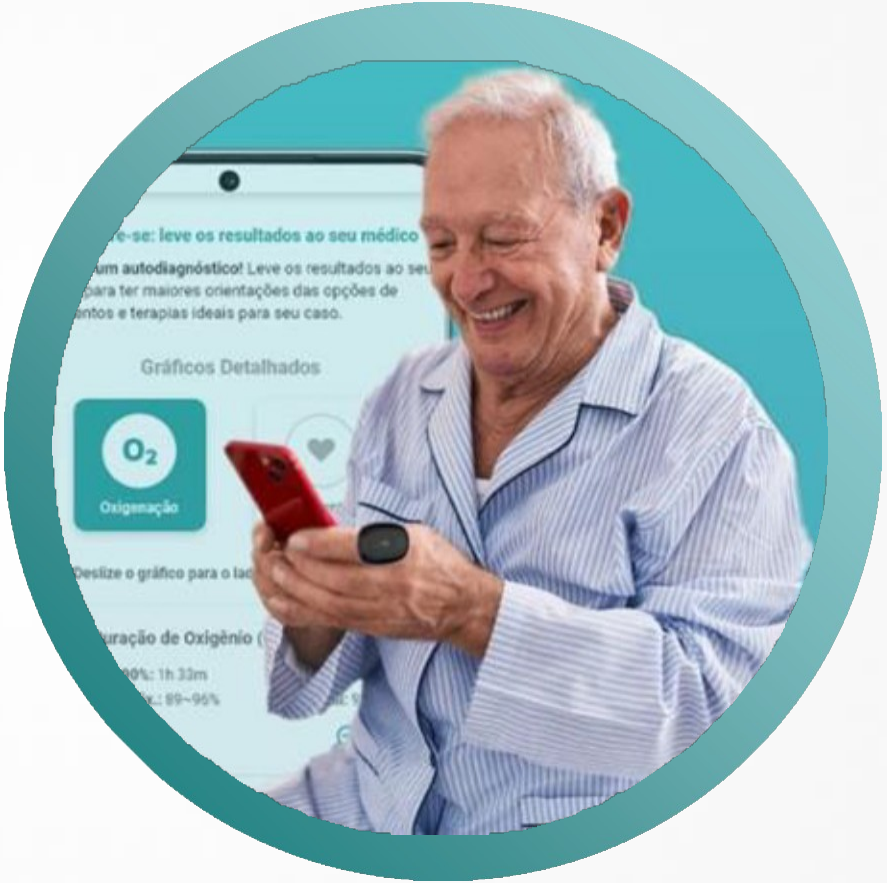
uspto



Other Longevity Projects

Coming soon

•Development of AI-driven remote sleep monitoring system for prevention, diagnosis and personalized treatment for people with cognitive decline



+10 UK and +6 BR Global Roadshows and events 2024-2026

LONDON TECH WEEK LLSW



BR APEX GITEX Dubai



UK Global Entrepreneus Program 2024



Tech for Good L&P- Paris



Grow London Global



UK Life Science Roadshow in Shanghai



UK Life Science Roadshow in Hong Kong



UK China Aid Event – Shanghai

Coming June 2026

Fapesp Week ITALY Bologna



SEBRAE Websummit Lisbon



BR Fapesp Hello Tomorrow Paris



BR Invest SP SEBRAE APEX WebSummit Lisbon



UK & P9 Life Science Roadshow in Beijing



UK Life Science Roadshow in Shenzhen



BRICS Incubation - Xiamen



Birmingham Tech Week - Beijing

Coming June 2026

SleepUp

"Thank you Brazil and United Kingdom for supporting SleepUp to become global"

Globally Awarded and Recognized

Selected for Italy Event



web summit LISBON

1st among 400 startups



Santander X

1st among 300 startups



GLOBAL ENTREPRENEUR PROGRAMME | GREAT



Selected for roadshow in China from Fosun Group



NTT DATA

1st among 200 startups



PEGASUS TECH VENTURES

2nd among 200 startups



1st among 400 startups



Homecare customer in China



Awarded 2nd among 70 startups



Abu Dhabi Customer



Brain Conference in UAE



Customer/Partner

Award

R&D

SleepUp

Thank you!

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bruno@sleepup.com

